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FORM PTO-1449

INFORMATION DISCLOSURE CITATION

Attorney Docket:  
4887-4001US1

Serial No.:  
09/675,424

Applicant:  
Ferguson et al.

Filing Date:  
Sep. 29, 2000

Group Art Unit:  
2188 2126

## U.S. PATENT DOCUMENTS

Examiner	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
VN	5,204,947	Apr. 20, 1993	Bernstein et al.			
VN	5,297,032	Mar. 22, 1994	Trojan et al.			
VN	5,319,777	Jun. 7, 1994	Perez			
VN	5,530,852	Jun. 25, 1996	Meske Jr. et al.			
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VN	5,669,005	Sep. 16, 1997	Curbow et al.			
VN	5,740,455	Apr. 14, 1998	Pavley et al.			
VN	5,745,901	Apr. 28, 1998	Entner et al.			
VN	5,768,158	Jun. 16, 1998	Adler et al.			
VN	5,781,189	Jul. 14, 1998	Holleran et al.			
VN	5,805,811	Sep. 8, 1998	Pratt et al.			
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VN	5,838,906	Nov. 17, 1998	Doyle et al.			
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VN	5,878,213	Mar. 2, 1999	Bittinger et al.			
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VN	5,892,917	Apr. 6, 1999	Myerson			
VN	5,903,728	11-May-99	Semenzato			
VN	5,905,492	18-May-99	Straub et al.			
VN	5,905,866	18-May-99	Nakabayashi et al.			

Examiner

VAN NGUYEN

Date Considered

8/20/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609.  
Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to Applicant.

VN	5,905,991	18-May-99	Reynolds	—	—	
VN	5,907,681	25-May-99	Bates et al.	—	—	
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VN	5,911,145	Jun. 8, 1999	Arora et al.	—	—	
VN	5,937,160	Aug. 10, 1999	Davis et al.	—	—	
VN	5,946,697	Aug. 31, 1999	Shen	—	—	
VN	5,963,952	Oct. 5, 1999	Smith	—	—	
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VN	5,983,268	Nov. 9, 1999	Freivald et al.	—	—	
VN	5,987,454	Nov. 16, 1999	Hobbs	—	—	
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VN	6,006,034	Dec. 21, 1999	Heath et al.	—	—	
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VN	6,009,436	Dec. 28, 1999	Motoyama et al.	—	—	
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VN	6,026,413	Feb. 15, 2000	Challenger et al.	—	—	
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Examiner	VAN H. NGUYEN	Date Considered	8/20/04
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VN	6,038,597	Mar. 14, 2000	Van Wyngarden			
VN	6,038,601	Mar. 14, 2000	Lambert et al.			
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VN	6,067,565	23-May-00	Horvitz			
VN	6,074,434	Jun. 13, 2000	Cole et al.			
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VN	6,085,120	Jul. 4, 2000	Schwerdtfeger et al.			
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VN	6,094,681	Jul. 25, 2000	Shaffer et al.			

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Examiner Initial	Patent Number	Issue/Publication Date	Country	Class	Sub-Class	Translation
VN	WO 97/42576	Nov. 13, 1997				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
VN	WO 99/66453	Dec. 23, 1999				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No

## OTHER DOCUMENTS (Including Author, Title, Date, etc.)

VN	Supporting Multi-Phase Groupware Over Long Distances, S. R. Ahuja et al., IEEE, 1989
VN	The Design of a System for Distributed Shared Objects, J. Dollimore et al., The Computer Journal, 1991
VN	Active Mail - A Framework for Implementing Groupware, Yaron Goldberg et al., CSCW Proceeding, Nov. 1992.

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			

VN	Kurt Piersol, A Close-up of OpenDoc, June 1994, available at <a href="http://www-4.ibm.com/software/ad/opendoc/library/aixpert.june94.closeup.html">www-4.ibm.com/software/ad/opendoc/library/aixpert.june94.closeup.html</a>
VN	The Great Internet Race, Tom Quinlan and Nick Wingfield, Jan. 15, 1996, available at <a href="http://www.infoworld.com">www.infoworld.com</a>
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VN	Leaving a lasting legacy, Michael Moeller and Norvin Leach, PCWEEK, June 10, 1996
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VN	DCOM Architecture, Markus Horstmann and Mary Kirtland, July 23, 1997
VN	A Toolkit for negotiation Support Interfaces to Multi-Dimensional Data, Michael Gebhardt et al., Proceedings of the ACM SIGMOD International Conference on Management of Data, 1997
VN	ActiveX Controls in the Office 97 developer Edition, April 1998,
VN	Briggs, Lotus eSuite, IBM Systems Journal, Vol. 37, No. 3, 1998
VN	Notification Servers for Synchronous Groupware, John F. Patterson et al., Ubiquitous Collaboration via Surface Representations, Dan R. Olsen Jr. et al., Proceedings of the ACM 1998 Conference on Computer Supported Cooperative work
VN	On Querying Spreadsheets, Laks V.S. Lakshmanan et al., Proceedings of the 14th International Conference on Data Engineering, 1998
VN	Operation Transforms for a Distributed Shared Spreadsheet, Christopher R. Palmer, Proceedings of the ACM 1998 Conference on Computer Supported Cooperative work
VN	Ubiquitous Collaboration via Surface Representations, Dan R. Olsen Jr. et al., Proceedings of the ACM 1998 Conference on Computer Supported Cooperative work
VN	Microsoft Office 2000: Microsoft Office 2000 Web Components (white paper), Apr. 1999, available at <a href="http://www.microsoft.com/office/evaluation/prodinfo/WebCmpnt.htm">www.microsoft.com/office/evaluation/prodinfo/WebCmpnt.htm</a>
VN	How to write and Use ActiveX Controls for Microsoft Windows CE, June 1999
VN	Data Oriented Components, July 13, 1999
VN	<a href="http://www.inventure.com">www.inventure.com</a> (downloaded 1/10/00)
VN	Integrating Existing Applications into Intranets, <a href="http://www.intraactive.com/press/white_papers.html">www.intraactive.com/press/white_papers.html</a> (downloaded 2/21/00)
VN	WebMethods, <a href="http://www.webmethods.com">www.webmethods.com</a> (downloaded 2/21/00)
VN	Distributed Objects (downloaded 3/22/00)
VN	OLE, <a href="http://backofficesystems.com/tips/apps/ole.htm">backofficesystems.com/tips/apps/ole.htm</a> (downloaded 3/22/00)
VN	Embedded Browser, <a href="http://www.eSignal.com">www.eSignal.com</a> (downloaded 3/27/00)
VN	HyperCard, <a href="http://www.pcwebopaedia.com">www.pcwebopaedia.com</a> (downloaded 3/27/00)
VN	Integrated development environment, <a href="http://www.pcwebopaedia.com">www.pcwebopaedia.com</a> (downloaded 3/27/00)
VN	Mary Jo Foley, Will Embedded browsers rule the Web?, March 27, 2000
VN	OLE --> Object Linking and Embedding, <a href="http://foldoc.doc.ic.ac.uk/foldoc/foldoc.cgi?OLE">foldoc.doc.ic.ac.uk/foldoc/foldoc.cgi?OLE</a> (downloaded 3/27/00)
VN	Quote.com QCharts: Embedded Browser (downloaded 3/27/00)

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✓	Use of popular multimedia authoring tools, <a href="http://www.simmons.edu/~hou/readings/461/class6.htm">www.simmons.edu/~hou/readings/461/class6.htm</a> (downloaded 3/27/00)	
✓	Visual BASIC, <a href="http://foldoc.doc.ic.ac.uk/foldoc/foldoc.cgi?Visual+Basic">foldoc.doc.ic.ac.uk/foldoc/foldoc.cgi?Visual+Basic</a> (downloaded 3/27/00)	RECEIVED
✓	DDE, <a href="http://www.pcwebopaedia.com">www.pcwebopaedia.com</a> (downloaded 3/28/00)	APR 23 2001
✓	Interprocess communication (IPC), <a href="http://www.pcwebopaedia.com">www.pcwebopaedia.com</a> (downloaded 3/28/00)	Technology Center 2100
✓	Microsoft Unveils Vision for Next Generation Internet, June 22, 2000	
✓	Microsoft .NET: Realizing the Next Generation Internet (A Microsoft White Paper), June 2000	
✓	ActiveX, <a href="http://www.whatis.com">www.whatis.com</a> (downloaded 7/11/00)	
✓	ActiveX control, <a href="http://www.whatis.com">www.whatis.com</a> (downloaded 7/11/00)	
✓	Microsoft.NET Framework Unites Programming Languages for Web-Based Future, July 11, 2000, available at <a href="http://www.microsoft.com/PressPass/features/2000/jul00/07-11.NETframework.asp">www.microsoft.com/PressPass/features/2000/jul00/07-11.NETframework.asp</a>	
✓	ActiveX (PowerPoint Presentation), Charlie Kindel (7/17/00)	
✓	ADO, <a href="http://www.whatis.com">www.whatis.com</a> (downloaded 7/18/00)	
✓	Enterprise Data Browsing: Data and Analytics in the Internet Age (white paper), <a href="http://www.inventure.com">www.inventure.com</a> (downloaded 7/24/00)	
✓	Inventure Data Browser for Excel, <a href="http://www.inventure.com">www.inventure.com</a> (downloaded 7/24/00)	
✓	Inventure WebScrubber Service, <a href="http://www.inventure.com">www.inventure.com</a> , (downloaded 7/24/00)	
✓	Netalytics, <a href="http://www.inventure.com">www.inventure.com</a> (downloaded 7/24/00)	
✓	OpenDoc: Shaping Tomorrow's Software (An overview White Paper) (downloaded 7/24/00)	
✓	Microsoft Office 2000 Small Office, available from <a href="http://www.microsoft.com">www.microsoft.com</a> (downloaded 8/2/00)	
✓	StarOffice 5.2 Application Suite: Features (downloaded 8/3/00)	
✓	StarOffice 5.2 Software: The Alternative Suite (White Paper) (downloaded 8/3/00)	
✓	StarOffice 5.2 Suite, Reviewer's Guide, <a href="http://www.sun.com">www.sun.com</a> (downloaded 8/3/00)	
✓	network, <a href="http://www.whatis.com">www.whatis.com</a> (downloaded 8/4/00)	
✓	Mary Kirtland, The Programmable Web: Web Services Provides Building Blocks for the Microsoft .NET Framework, Sep. 2000	
✓	Activating the Internet with ActiveX Technologies, <a href="http://www.active-x.com/articles/activate.htm">www.active-x.com/articles/activate.htm</a> (downloaded 2/22/01)	
✓	What is ActiveX?, <a href="http://www.active-x.com/articles/whatis.htm">www.active-x.com/articles/whatis.htm</a> (downloaded 2/22/01)	
✓	HyperCard: Installation and new features (date unknown)	
✓	Use of popular multimedia authoring tools, <a href="http://www.simmons.edu/~hou/readings/461/class6.htm">www.simmons.edu/~hou/readings/461/class6.htm</a> (date unknown)	
✓	What's new with Web tools? (date unknown)	
✓	Use linked and embedded objects to share information between Office programs (date unknown)	

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9/25/02

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
4887-4001US1

SERIAL NO.  
09/675,459

APPLICANT  
Charles Ferguson, et al.

FILING DATE  
September 29, 2000

GROUP ART UNIT  
~~2188~~ 2126

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
VN	6,052,785	4/2000	Lin et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)**

VN		"Emerging Standards for Component Software"; Richard M. Alder, March 1995 IEEE

EXAMINER **VAN H. NGUYEN** DATE CONSIDERED **8/20/04**

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M&F REV. 06/29/95